



Gulf of Mexico Harmful Algal Bloom Bulletin

Region: Texas

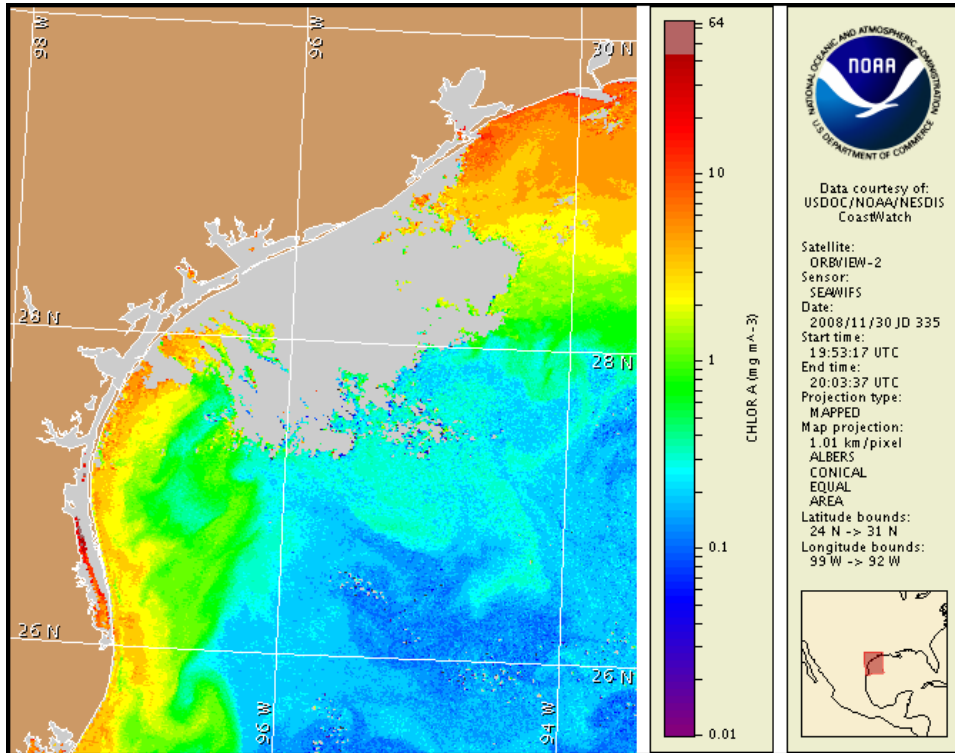
2 December 2008

NOAA Ocean Service

NOAA Satellites and Information Service

NOAA National Weather Service

Last bulletin: November 25, 2008



Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from November 24 to December 1 shown as red (high), orange (medium), yellow (low b), brown (low a), blue (very low b), purple (very low a), pink (present), and green (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide:

http://tidesandcurrents.noaa.gov/hab/habfs_bulletin_guide.pdf

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1. Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
2. Image products may be published in newspapers. Any other publishing arrangements must receive GeoEye approval via the CoastWatch Program.

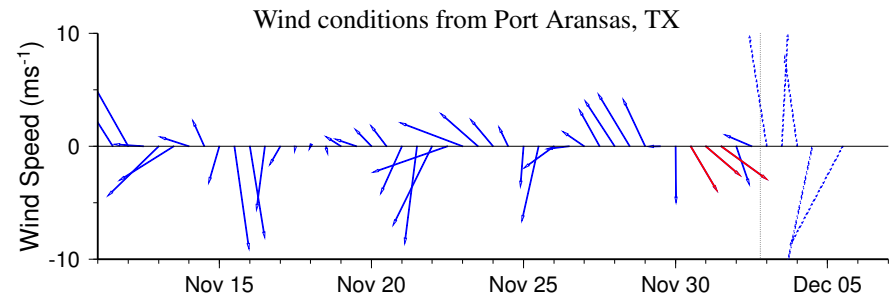
Conditions Report

There are no reports of harmful algae at this time. No impacts are expected.

Analysis

There is no confirmation of a toxic *K. brevis* bloom along the Texas coast at this time. Imagery indicates that the suspicious feature which has persisted for three weeks continues offshore from South Padre Island and has moved closer to shore. It appears to reach the coast at approximately 26d4'58.85"N and 97d10'36.58"W. Chlorophyll has reached above 4 ug/L. Sampling is recommended.

Tomlinson, Wynne

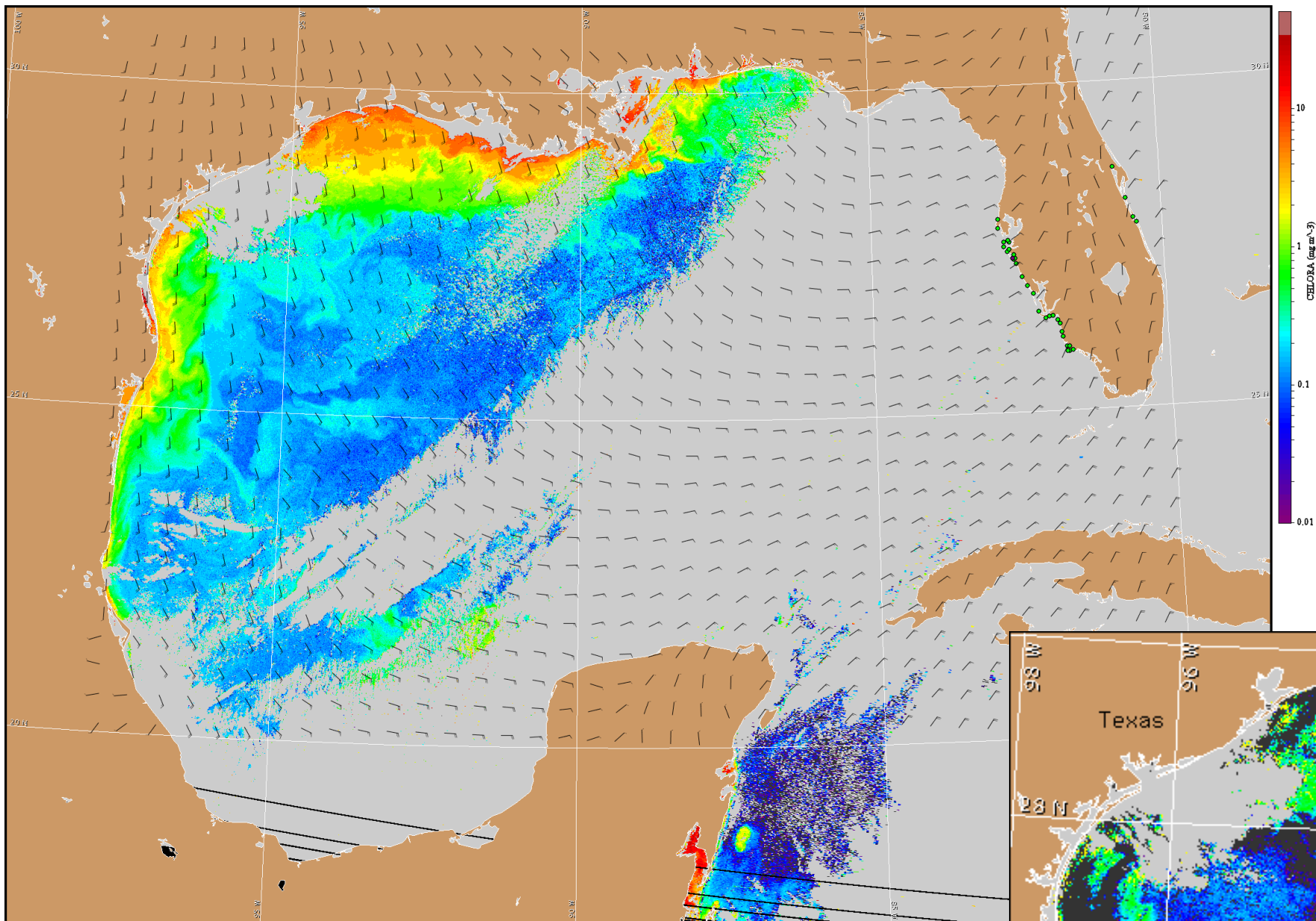


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts. Wind observation and forecast data provided by NOAA's National Weather Service (NWS).

Wind Analysis

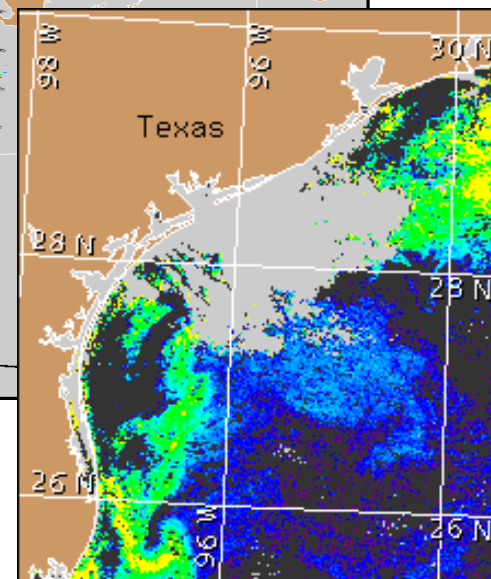
Strong winds are expected this evening through Friday (15-25 knots). Southeast winds are expected to shift southwesterly by Wednesday night, and north to northeasterly on Thursday and Friday.

To see previous bulletins and forecasts for other Harmful Algal Bloom Bulletin regions, visit the NOAA CoastWatch bulletin archive: http://coastwatch.noaa.gov/hab/bulletins_ns.htm



Satellite chlorophyll image and forecast winds for December 3, 2008 12Z with Cell concentration sampling data from November 24 to December 1 shown as red (high), orange (medium), yellow (low b), brown (low a), blue(very low b), purple (very low a), pink (present), and green (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide:

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Verified and suspected HAB areas shown in red. Other areas of high chlorophyll concentration shown in yellow (see p. 1 analysis for interpretation).